

FEB 21 1941

Index

INDUSTRIAL STANDARDIZATION

AND COMMERCIAL STANDARDS MONTHLY

Volume II, January-December, 1940

Key to abbreviations of organization names:

ACCL—American Council of Commercial Laboratories
ALEA—American Lighting Equipment Association
ASTM—American Society for Testing Materials
ASA—American Standards Association
CESA—Canadian Engineering Standards Association
FHA—Federal Housing Administration
IBRM—Institute of Boiler and Radiator Manufacturers

IEC—International Electrotechnical Commission
ICC—Interstate Commerce Commission
NBS—National Bureau of Standards
NAM—National Association of Manufacturers
SAA—Standards Association of Australia
TNEC—Temporary National Economic Committee
USNC—United States National Committee (of the IEC)

Page numbers, titles of books, and names of authors, are shown in bold-face type

Pages included in each of the 12 issues of Volume II are:

January	1- 28
February	29- 52
March	53- 80
April	81-108
May	109-136
June	137-164
July	165-192
August	193-220
September	221-248
October	249-276
November	277-304
December	305-332

A

Abbreviations and symbols, elec and magnetic quantities, **88**
Accident prevention—see Safety codes
Acoustical measurements and terminology, vibration study, **179**
Advisory com on ultimate consumer goods, ASA—see American Stds Assn
Aeronautics, **267; 324**
Aggregates, stds lower cost, **79**
Agnew, P. G.
Consumer stds on the way, **43**
Defense needs spell speed-up for nat stds, **314**
George B. Cortelyou, obituary, **293**
Man's love of round numbers, **230**
Stds in our social order, **141**
Agr. w., P. G., at TNEC hearings, **81**
Agriculture, U. S. Dept of, food rulings—see Food stds, Federal rulings
Agricultural Marketing Service stds—see Food stds, Federal rulings

Ainsworth, Cyril
How a coordinated attack can help control accidents resulting from slips and falls, **128**
Nat safety code program goes forward under ASA, **97**
Ainsworth, Cyril, West Coast trip, **186**
291
American Inst of Elec Engrs, stds com, **209**
American Lighting Equipment Assn, certification plan, **269**
American Soc for Testing Materials
action on Amer Stds, **47; 237; 325**
annual mtg, **122; 214**
committee mtgs, **100; 284; 287**
cooperates with gov, **321**
publications, **15; 18; 33; 62; 91; 204; 296; 300**
American Soc of Tool Engrs, ASA mbr, **118**
American Stds Assn
advisory com, ultimate consumer goods, **75; 302**
annual mtg, **1; 3; 5; 9; 291; 305; 308**
board of directors, **14; 76; 291**
board of exam, **88**
bldg code correlating com, **123**
Cleveland rep, **300**
company mbr forum, **24**
elec stds com rpt, **21**
library, **328**
mech stds com rpt, **Iddles, 165**
membership
Amer Soc of Tool Engrs, **118**
changes, **15**
dues schedule, **140**
Federal Works Agency, **49**
Good Housekeeping Inst, **13**
Hospital Bur of Hospital Stds and Supplies, Inc, **13**
Libbey-Owens Ford Glass Co., **13**
Photographic Mfrs Group, **26**
U. S. Treasury Dept, **133**
Western Precipitation Corp, **13**
Wright Aeronautical Corp, **13**

American Stds Assn (Cont.)
mining stdzn correlating com, **57**
nat defense program, Agnew, **314**
procedure, **41; 241**
safety code correlating com, **97; 171**
Standards Council, **5; 36; 41; 42; 76; 100; 121; 151; 308**
American Trade Assn Executives, annual mtg, **272**
Anderson, R. P.—Committees show active year on stdzn projects, **308**
Apple, spray residue, **229**
Application of statistical methods to quality control of materials and mfd products—see Quality control
Architects and stds, **le Maistre, C.**, quoted, **100**
Army specs—see U. S. defenses
Association of Am Railroads, annual mtg, **205; 252**
Australia
aids British Empire, **268**
draft stds, **78; 325**
stds index, **96; 244**
stds library, **62**
steel stds, **245; 267**
war emergencies, **274**
see also Foreign draft stds; Foreign stds
Automobiles
inspection manual, **301**
lighting and signalling equipment, **189; 295**
occupations, dangerous, gov ruling, **25**
see also Traffic regulations

B

Bell Telephone System, paper grades, **Murphy, 221**
Bellis, Alfred and Carter, L.L.—Std improves weather resistance of coverings for aerial wire and cable, **16**

Beqa, oldest std of weight, **56**
 Biological chemistry lab, **254**
 Board of directors, ASA—see ASA, board of directors
 Board of exam, ASA—see ASA, board of exam
 Boilers
 CESA code, **13**
 IBRM ratings, **67**
 Bolts and nuts
 round, unslotted head, std revised, **Horine, 101**
 wrench-head, **148**
 Book cloths, std approved, **320**
 Boren bill, **40**
 Braun, F. W.—Man failure, or was this an alibi?, **155**
 Brazil, nat stdn body, **324**
 Brooks, Carl F.—Canadian and Am std requirements agree on safety for mech refrigeration, **38**
 Bugbee, Percy, fire protection group secy, **272**
 Bugbee, Percy—Nat fire protection assn acts on stds to prevent fire, **212**
 Building
 bldg code correlating com, ASA—see ASA, bldg code correlating com codes
 construction costs, **72**
 FHA stds, **161**
 New Zealand, **102**
 Pacific Coast Bldg Officials Conf., **204; 299**
 Pittsburgh bldg council, **255**
 exits safety code, **57**
 hardware, **251**
 materials, dimensions, **105; 178**
 NBS letter circular, **140**
 Burke, James, obituary, **36**
 Butt welding fittings, **47**

C

Canada
 boilers, CESA code, **13**
 CESA war program, **150**
 cement, portland, **139**
 labeling elec equipment, **126; 204**
 McKenzie, B. Stuart, obituary, **13**
 Canning and preserving
 food-labeling survey, **330**
 fruits and vegetables, **327**
 Carter, L. L. and Bellis, Alfred—Std improves weather resistance of coverings for aerial wire and cable, **16**
 Cartoon, benefits of stdn, **176**
 Cement
 ASTM stds, **300**
 portland, Canadian std, **139**
 Certification—see Labeling
 Chapman, C. M., ASTM honorary mbr, **241**
 Clothing
 British std, **273**
 garment sizes, **36; 50; 257**
 Italian std, **49**
 Color, gas cylinders identification, **78**
 Commercial stds—see Division of Commercial Stds
 Company stdn
 importance of stds dept, **290**
 mbr forum, ASA, **24**
 Concrete and reinforced concrete, **238**
 Conner, R. M.—Consumers benefit; revised gas-appliance stds reflect progress in ind, **92**
 Consumer movement
 Edwards, A. L., book reviewed, **Gertz, 68**
 Inst of Stds, **206; 282; 323**
 Los Angeles group, **160**
 pamphlet, 20th Century Fund, **177**
 standards
 ASA program, **Agnew, 43**
 Boren bill, **40**
 gas-burning appliances, **Conner, 92**
 U. S. defenses, **236; 255**
 see also Canning and preserving; Clothing; Food; Grading; Labeling
 Containers, **154; 172; 273**
 Coonley, Howard, NAM chairman, **32**
 Copper and copper alloys, **321**
 Corrosion, Am coordinating com, **238**

Cortelyou, George B., obituary, **Agnew, 293**
 Cosmetics, **169**
 Crittenden, E. C., pres, USNC, **35**
 Crocker, Sabin—Revisions keep pipe stds up-to-date with ind progress, **48**
 Crowe, H. D.—New Am Std for magnet wire to eliminate variety in specs, **19**
 Cylinders, gas, marking, **42; 78**
 Czechoslovakia, nat stdn body, **254**

D

Decimal system, rounding off numerical values, **Agnew, 230**
 Defense
 program—see U. S. defenses; also names of countries, e.g., France, Great Britain
 Division of Commercial Stds, pubs, **47; 70; 74; 95; 125; 149; 157; 189; 195; 203; 207; 236; 251; 295; 331**
 Division of Simplified Practice, pubs, **36; 50; 55; 56; 76; 78; 87; 127; 161; 163; 174; 178; 180; 190; 205; 207; 211; 213; 229; 246; 274; 284; 296; 297**
 Division of Weights and Measures, Bearce, H. W., chief, **118**
 Downs, L. A., obituary, **258**
 Drills, elec, **207**
 Dry cleaning, **139**
 duPont de Nemours and Co., E. I., officers, **160**
 Dust explosions, safety codes, **Price and Brown, 29**

E

Eastman Kodak Co. stds dept, **290**
 Edwards, Alice L.—Product Stds and Labeling for Consumers—book reviewed, **Gertz, 68**
 Edwards, Alice L., survey on labeling canned foods, **330**
 Electrical definitions, **213**
 Electrical drills, **207**
 Electrical equipment, Canadian labeling, **126; 204**
 Electrical flat irons, **269**
 Electrical lines, poles, wood, **327**
 Electrical machinery, rotating, **65**
 Electrical quantities, letter symbols, **88**
 Electrical reactors and regulators, **Montsinger, 53**
 Electrical resistance, NBS pub, **281**
 Electrical stds com, ASA—see ASA, elec stds com
 Electrical transformers, **Montsinger, 53**
 Enamel and enameling, **186**
 Eye, protection of, **47**

F

Farmer, F. M.—ASA committees show activity in 1939 rpt of progress, **5**
 Federal gov—see U. S. defenses
 Federal Housing Administration, bldg requirements, **161**
 Federal specs, **34; 77; 104; 140; 190; 210; 241; 256**
 see also U. S. defenses
 Federal Trade Comm rulings, **102**
 Federal Works Agency, ASA mbr, **49**
 Films, **277**
 Flat irons, elec, **269**
 Floors, **157**
 Food
 frosted, **251**
 stds
 Federal rulings, **56; 65; 70; 104; 107; 184; 189; 252; 258; 266; 288; 290; 292; 313**
 see also Apple; Canning and preserving; Pear
 Football, std gage, **96**
 Foreign draft stds, **78; 87; 237; 260; 302; 325**
 Foreign stds, **37; 71; 87; 135; 162; 188; 204; 236; 268; 294; 326**
 see also Name of country

France
 stdn lack contributes to defeat, **260**
 war activities, **56**
 Fruit grading, **274**
 Fuel, motor, octane rating, **134; 289**
 Fuel oil, **74**

G

Gages, football sizes, **96**
 Gaillard, John—How statistics help the engr control quality of product, **109**
 Garment sizes—see Clothing
 Gas-burning appliances, **Conner, 92; Zare, 239**
 Germany, screw threads, metric, **48**
 Gertz, Max—New book shows history and present status on stds for consumer information, **68**
 Good Housekeeping Inst, ASA mbr, **13**
 Government, U. S.—see U. S. defenses
 Grading
 fruit, **274**
 paper, **Murphy, 221**
 Southern Pine Assn, court ruling, **96**
 Graphic methods, engg and scientific, draft std, **57**
 Great Britain
 aeronautics program with U. S., **324**
 architects and stds, **le Maistre, 100**
 Australia aids empire, **268**
 British Stds Inst
 defense work, **170**
 draft stds, **36; 78; 127; 298**
 Spanish handbook, **244**
 speeds work, **le Maistre, 246**
 standards
 index, **96**
 screw threads, **297**
 wool shrinkage, **254**
 see also Foreign draft stds; Foreign stds
 clothing std, **273**
 containers std, **273**
 Retail Trading Stds Assn, **244**
 stds in peace and war, **267**
 Greater N. Y. Safety Council, **65; 161**
 Grounding, **259**

H

Harte, Charles R.—ASA approval completes twist drill std, **193**
 Hazardous occupations—see Occupations, dangerous
 Head, protection of, **47**
 Horine, Merrill C.—Revision of bolt std features single scale of thread lengths, **101**
 Hosier, **47; 170**
 Hospital Bur of Stds and Supplies, Inc., ASA mbr, **13**

I

Iddles, Alfred—Nat defense production needs coordinated stds, **165**
 Illuminating Engg Soc specs, **133**
 Industrial Stdz, index, vol 10, 1939, part 2, Feb 1940
 Institute of Boiler and Radiator Mfrs, boiler ratings, **67**
 Institute of Stds, **206; 282; 323**
 Insulation, heat, ASTM pub, **15**
 International Electrotechnical Comm, vocabulary, **292**
 Interstate Commerce Comm regulations, **170; 265; 289**
 Irwin, James C., obituary, **91**
 Italy
 clothing stds, **49**
 draft stds, **78**
 see also Foreign draft stds; Foreign stds

K

Kantrowitz, M. S. and Spencer, E. W.—What humidity percentage should be std for paper testing? **261**
 Keefer, W. Dean, staff mbr of insurance co, **34**

L

- Labeling
ALEA program, 269
Canadian plan, 126; 204
canned foods survey, 330
chain store program, 327
Lemke bill, 77
textiles, 161
wool products law, 327
Lansburgh, Richard H.—Stds as an integrating community force, 9
Leather, 187
Lehmberg, W. H.—Stds control quality in optical mfr, 249
Lemke bill, 77
Lenning, C. K. and Stanard, C. H.—Involute spline std meets widespread demand, 89
Levels, precision, 208
Libbey-Owens Ford Glass Co. ASA mbr, 13
Library, ASA—see ASA library
Library, SAA—see Australia
Library stds, 119
Lighting
ALEA labeling program, 269
IES specs, 133
schools, 61
Lungs, dust diseases—see Respiratory organs

M

- MacCorkle, D. S. and Titley, R. H.—Revised std for tree wire promises wider popular use, 208
Machine pins, 286
McKenzie, B. Stuart, obituary, 13
Magnetic quantities, letter symbols, 88
Manhole frames and covers, 286
Marking of gas cylinders, 42; 78
Markwardt, L. J.—ASTM structural timber grading std now approved by ASA as Amer Std, 58
Mechanical stds com, ASA—see ASA, mech stds com
Metals, chemical analysis, ASTM pub, 18
Meter, water, 120
Meyerherm, C. F.—Elec grounding sub-com rpts need for more research, 259
Mining stdzn correlating com, ASA—see ASA, mining stdzn correlating com
Montsinger, V. M.—New proposed transformer stds issued by ASA for year's trial, 53
Motor vehicles—see Automobiles; Traffic regulations, ICC
Murphy, James J.—How the Bell Telephone System standardized its business papers, 221

N

- National Assn of Mfrs, stds and defense, 196
National Bur of Stds, pubs, 139; 140; 154; 157; 186; 187; 213; 281
National Bd of Fire Underwriters, pubs, 187
National Com for Conservation of Manpower, 271
National Consumer-Retailer Council, annual mtg, 258
National defense program, U. S.—see U. S. defenses
National elec code
analysis, 302
grounding, Meyerherm, 259
std approved, Small, 234
National Elec Mfrs Assn
program, 1940, 122
pubs, 70; 160
National Fire Protection Assn
annual mtg, 70; 212
pubs, 188; 266
National Retail Dry Goods Assn, pub, 102
Navy specs—see U. S. defenses
New York Safety Council—see Greater N Y Safety Council

- New Zealand
bldg codes, 102
draft stds, 36
stds index, 96
see also Foreign draft stds; Foreign stds
Nozzles, flow, 299
Numerical values, rounding off, std published, Agnew, 230
Nydick, A. J., ACCL secy, 211

O

- Occupations
dangerous, 25
disease and hygiene, 122
terminology, book reviewed, Stead, 175
Octane rating, 134; 289
Oil, fuel, 74
Optical instruments, Lehmberg, 249
Osborne, H. S.—U. S. nat com of IEC names C. H. Sharp honorary chmn, 66

P

- Pacific Coast Bldg Officials Conf, code, 204
Paint, 149; 185
Packaging, 154
Paper
grading, Murphy, 221
Spanish std, 62
testing, Kantowitz and Spencer, 261
Pear, spray residue, 229
Petroleum products and lubricants
ASTM pubs, 33; 296
stds approved, 296
Photographic Mfrs Group, ASA mbr, 26
Photography, films, Russell, 277
Pigments, stds approved, 295
Pipe
cast-iron and special castings, 158; 266
cast-iron soil, 256
flanges and fittings, 47; 70; 320
wrought-iron and wrought-steel, Crocker, 48
Plant names and products, 245
Plastic materials, 246
Plumbing equipment, 189; 256; 320
Plywood, 236
Pond, Charles M.—New tap std is product of 30 years of work, 137
Prentiss, E. A.
Democratic methods widen ASA influence, bring agreement between diverse groups, 3
1941 offers new challenge to ASA, 305
Price, David J. and Brown, Hylton R.—Research gives data for stds to prevent dust explosions, 29
Procedure, ASA—see ASA, procedure
Purchasing, gov, 177; 197; 285

Q

- Quality control
optical instruments, Lehmberg, 249
statistical methods
project requested, 289
Shewhart, W. A., book reviewed, Gaillard, 109
Quarries and quarrying, safety code, 134

R

- Radioactivity, 106
Railroads use Amer Stds, 77
Ranges, elec, 301
Reactors, elec, 53
Refrigeration, mech, safety code, Brooks, 38
Regulators, elec, 53
Resistance, elec, 281
Respiratory organs, protection of, 47
Restraint of trade, 81; 181
Rochester Industrial Stds Group, Thetford, 152
Rounding off numerical values, std pub, Agnew, 230
Rubber, 273
Russell, M. E.—ASA com proposes method for determining speed of film, 277

S

- Safety code correlating com, ASA—see ASA, safety code correlating com
Safety codes
Amer Std
injury causes, 155; 253
Newark Museum exhibits, 34
program, Ainsworth, 97; 128
signs, accident prevention, 331
U. S. defenses, 270
Safety shoes, 103
Savings from stdzn, 79; 293
Sayers, Dr. R. R., director of U. S. Bur of Mines, 195
Screw threads
British std, 297
German std, 48
NBS pub, 213
Shaft couplings, 103; 149
Sharp, C. H., honorary pres, USNC, Osborne, 66
Shelterbelt, 210
Shewhart, W. A.—Statistical Method from the Viewpoint of Quality Control—book reviewed, Gaillard, 109
Shoes, safety, 103
Sieves, test, std approved, Work, 63
Simplified Practice Rec—see Division of Simplified Practice
Small, Alvah—The 1940 nat elec code, 234
Society of Automotive Engrs
handbook, 191
U. S. defenses, 169; 267
Soldered-joint fittings, 189; 320
Southern Pine Assn, court ruling, 96
Spain, paper std, 62
Spencer, E. W. and Kantowitz, M. S.—What humidity percentage should be std for paper testing? 261
Splines, involute, 89
Spraying, apple and pear, 229
Stanard, C. H. and Lenning, C. K.—Involute spline std meets widespread demand, 89
Standardization
cartoon, 176
in our social order, Agnew, 141
lack helps French defeat, 260
Rochester industrial group, 152
U. S. defenses, 197
Whitney, Eli, 196; 267
Standards Council, ASA—see ASA, Standards Council
Statistics, 13; 109; 289
Stead, W. H.—Std titles for occupations are listed in new dictionary, 175
Steel
Australian stds and draft stds, 245; 267; 325
stdzn program, Zimmerman, 242
tool, classification, 203
Stockings, 47; 170
Stoddard solvent, 157
Stoves, elec, 301
Sun glasses, 125
Superblock plan, 313
Surface finishes, 265; 300
- T
Taps, cut and ground thread, 137
Television, 292
Temporary Nat Economic Com, 81; 181
Tents, 95
Terminology
occupational, book reviewed, Stead, 175
rubber, 273
Textiles, labeling, 161
Thermal insulation, 15
Thetford, James A.—Rochester industry organizes to exchange ideas on stds, 152
Timber, structural, std approved, Markwardt, 58
Titley, R. H. and MacCorkle, D. S.—Revised std for tree wire promises wider popular use, 208
Tools, machine
savings from stdzn, 293

Fools, machine (*Cont.*)
 splines, involute, std approved, **Stanard and Lenning, 89**
 steel classification, **203**
 taps, cut and ground thread, std pub, **Pond, 137**
 twist drills, std approved, **Harte, 193**
 Trade barriers—see **Restraint of trade**
 Traffic regulations
 ICC truck rulings, **170; 265; 289**
 line markings, **49**
 see also **Automobiles**
 Transformers, elec, **53**
 Trees, shelterbelts, **210**
 Twist drill sizes, **193**

U

Uniform Bldg Code Assn, code, **204**
 U. S. defenses
 ASTM and gov coordinate stds, **321**
 ASA activities, **Agnew, 314**
 Army, Navy, and Federal specs coordinated, **285**
 consumer stds, **236; 255**
 cooperation on stds needed, **265**
 coordinator of purchases named, **177**
 materials stds, **Young, 197**
 mech stds, **Iddles, 165**

U. S. defenses (*Cont.*)
 NAM stresses stds problems, **196**
 safety codes, **270**
 SAE work, **169; 267**
 U. S. nat com, IEC, **35; 66**
 U. S. Treasury Dept, ASA mbr, **133**
 Underwriters' Laboratories, pubs, **25; 77; 154; 228; 238**
 Union of Soviet Socialist Republics, **207**

V

Vegetables, canning—see **Canning and preserving**
 Vibration measurement, **179**
 Vocabulary, IEC pub, **292**

W

War
 Australian rpt, **274**
 Canadian program, **150**
 French stds activities, **56; 260**
 Water-meter, flow, **120**
 Weights and measures, **56; 88; 100; 154; 172**
 Welding, **151; 189**
 Western precipitation corp, ASA mbr, **13**
 Whitney, C. W., obituary, **300**

Whitney, Eli, and stdzn, **196; 267**
 Wire and cable
 copper
 magnet wire, std approved, **19**
 tree wire, std approved, **208**
 weather-resistant finishes, std approved, **16**

Wood poles, **327**

Wool

labeling, **327**

shrinkage, **254**

Work, Lincoln T.—New Amer Std correlates requirements for test sieves, **63**

Wright Aeronautical Corp, ASA mbr, **13**

Y

Young, W. C.—Materials stds in nat preparedness, **197**

Z

Zare, Milton—ASA approves gas-appliance requirements, **239**
 Zimmerman, R. E.—Stdzn in the steel industry, **242**
 Zoning, superblock plan, **313**

List of American Standards

(Free for the asking)

Just off the press, the 1941 LIST OF AMERICAN STANDARDS indexes by subject and also alphabetically more than 400 American Standards in a wide variety of industrial fields.

Check over the standards covering:

The product you manufacture

The materials that go into it

The machinery you buy

Write

American Standards Association

29 West 39th Street, New York, N. Y.

AMERICAN STANDARDS ASSOCIATION

Officers

Edmund A. Prentis, President
P. G. Agnew, Secretary

R. E. Zimmerman, Vice-President
Cyril Ainsworth, Assistant Secretary

Board of Directors

R. P. Anderson, secretary, Division of Refining, American Petroleum Institute, New York—Chairman, ASA Standards Council

Dana D. Barnum, Boston, Mass., Past-President, American Standards Association

Carl Breer, executive engineer, Chrysler Corporation, Detroit, Michigan—Automobile Manufacturers Association

Lyman J. Briggs, director, National Bureau of Standards, Washington, D. C.—U. S. Department of Commerce

G. S. Case, chairman of Board, Lamson and Sessions Company, Cleveland, Ohio—American Society of Mechanical Engineers

H. P. Charlesworth, assistant chief engineer, American Telephone & Telegraph Company, New York—ASA Telephone Group

C. L. Collens, president, Reliance Electric & Engineering Company, Cleveland, Ohio—National Electrical Manufacturers Association

Howard Coonley, chairman of Board, Walworth Company, New York—Manufacturers Standardization Society of the Valve & Fittings Industry

Wallace Falvey, vice-president, Massachusetts Bonding & Insurance Company, New York—National Conservation Bureau

F. M. Farmer, vice-president, Electrical Testing Laboratories, New York—Past-Chairman, ASA Standards Council

John C. Parker, vice-president, Consolidated Edison Co. of New York, New York—ASA Electric Light & Power Group

J. Edgar Pew, vice-president, Sun Oil Company, Philadelphia—American Petroleum Institute

Haraden Pratt, vice-president and chief engineer, Mackay Radio and Telegraph Company, New York—Institute of Radio Engineers

Edmund A. Prentis, Spencer, White & Prentis, Inc., New York—President, American Standards Association

G. J. Ray, vice-president, Delaware, Lackawanna & Western Railroad Co., New York—Association of American Railroads

A. R. Small, president, Underwriters' Laboratories, Chicago, Illinois—ASA Fire Protection Group

Jerome Strauss, vice-president, Vanadium Corporation of America, New York—American Society for Testing Materials

R. E. Zimmerman, vice-president, U. S. Steel Corporation, New York—American Iron and Steel Institute

Standards Council

R. P. Anderson, secretary of the Division of Refining, American Petroleum Institute, New York, Chairman

H. S. Osborne, engineer in charge of operating results, American Telephone & Telegraph Company, New York, Vice-Chairman

Chairmen of Correlating Committees

Building—Rudolph P. Miller, Consulting Engineer, New York

Highway Traffic—A. M. Wolf, Consulting Engineer, New York

Consumer—Max Gertz, B. Gertz, Inc., Jamaica, N. Y.

Mechanical—Alfred Iddles, Babcock & Wilcox Co., New York

Electrical—C. R. Harte, Connecticut Company, New Haven, Conn.

Mining—Dan Harrington, chief, Health & Safety Branch, U. S. Bureau of Mines

Safety—L. F. Adams, General Electric Company, Schenectady, N. Y.

ASA Member-Bodies

Am. Gas Association
Am. Home Economics Assn.
Am. Institute of Bolt, Nut & Rivet Mfrs.
Am. Institute of Elec. Engineers
Am. Iron & Steel Institute
Am. Petroleum Institute
Am. Soc. of Civil Engineers
Am. Soc. of Mechanical Engineers
Am. Soc. for Testing Materials
Am. Transit Association
Am. Water Works Association
Assn. of American Railroads
Automobile Mfrs. Assn.
Cast Iron Pipe Research Assn.
Copper & Brass Mill Products Assn.
Electric Light and Power Group:
Assn. of Edison Illuminating Companies
Edison Electric Institute
Federal Housing Administration
Federal Works Agency
Fire Protection Group:
Associated Factory Mutual Fire Insurance Companies
Nat. Bd. of Fire Underwriters
Nat. Fire Protection Assn.
Underwriters' Laboratories, Inc.
Institute of Radio Engineers

Mfrs. Standardization Soc. of the Valve and Fittings Industry
Nat. Assn. of Mutual Casualty Companies
Nat. Conservation Bureau
Nat. Electrical Mfrs. Assn.
Nat. Machine Tool Builders' Assn.
Nat. Retail Dry Goods Assn.
Nat. Safety Council
Outdoor Advertising Assn. of America, Inc.
Photographic Manufacturers Group:
Agfa Ansco Corporation
Eastman Kodak Company
Soc. of Automotive Engineers
Telephone Group:
Bell Telephone System
U. S. Department of Agriculture
U. S. Department of Commerce
U. S. Department of the Interior
U. S. Department of Labor
U. S. Govt. Printing Office
U. S. Navy Department
U. S. War Department

Associate Members

Am. Association of Textile Chemists and Colorists
Am. Automobile Association

Am. Council of Commercial Labs.
Am. Gear Mfrs. Association
Am. Hospital Association
Am. Institute of Architects
Am. Soc. of Heating & Ventilating Engineers
Am. Soc. of Refrigerating Engrs.
Am. Trucking Assns., Inc.
Am. Welding Society
Anti-Friction Bearing Manufacturers Association, Inc.
Assn. of Iron & Steel Engrs.
Associated Gen. Contractors of Am. Brick Mfrs. Assn. of N. Y.
Grinding Wheel Mfrs. Association
Gypsum Association
Heat Exchange Institute
Illum. Engineering Society
Industrial Safety Equipment Assn.
Insulation Board Institute
Internat. Acetylene Association
Metal Lath Mfrs. Association
Modular Service Association
Nat. Elevator Manufacturing Industry, Inc.
Radio Mfrs. Association
Soc. of Motion Picture Engineers
Structural Clay Products Institute
U. S. Cap Screw Service Bureau
U. S. Machine Screw Service Bureau
U. S. Wood Screw Service Bureau

Company Members—Some 2,000 industrial concerns hold membership either directly or by group arrangement through their respective trade associations.

Industrial Standardization

Combined with Commercial Standards Monthly

Published Monthly by
American Standards Association
29 West 39th Street, New York
with the cooperation of the National Bureau of Standards

RUTH E. MASON, *Editor*

This Issue

Our Front Cover: Photograph by R. I. Nesmith

ASA Annual Meeting Hears Lansburgh; Election of Officers Announced	1
Democratic Methods Widen ASA Influence, Bring Agreement Between Diverse Groups. By E. A. Prentis	3
ASA Committees Show Activity in 1939 Report of Progress. By F. M. Farmer	5
Standards as an Integrating Community Force. By Richard H. Lansburgh	9
Ray and Strauss Elected As New ASA Board Members	14
Standard Improves Weather Resistance of Coverings for Aerial Wire and Cable. By L. L. Carter and Alfred Bellis	16
New American Standard for Magnet Wire to Eliminate Variety in Specifications. By H. D. Crowe	19
Electrical Committees Report Many New Standards Under Way	21
Children's Bureau Rules Motor Vehicle Operation Dangerous	25
Eastman and Agfa Ansco Form New ASA Photographic Group	26
ASA Standards Activities	27
New ASA Company Members	13
CESA Boiler Regulations Include Reference to ASME Boiler Code	13
Standard Statistics to Help Heating Contractors	13
B. Stuart McKenzie	13
Standards for Insulating Materials Discussed in ASTM Symposium	15
ASTM Issues Standards for Chemical Analysis	18
ASA Company Member Forum Discusses Metal Classi- fication	24



Reg. in U. S. Pat. Off.

**Standardization is dynamic, not static. It means
not to stand still, but to move forward together.**

Subscription price \$4.00 per year U. S. and
Canada (foreign \$5.00); Special to schools
and libraries \$2.00 (foreign \$3.00);
single copies 35 cents

January, 1940

Vol. 11, No. 1

1
3
5
9
14
16
19
21
25
26
27
15
18
24